

Report Date: 23 Nov 2016  
Summary Report for Staff Drill Task  
Drill Number: 71-DIV-D6320  
Drill Title: React to a Degraded Network.  
Status: Approved  
Status Date: 15 Jan 2015

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**Distribution Restriction:** Approved for public release; distribution is unlimited.

**Destruction Notice:** None

**Foreign Disclosure: FD1** - This training product has been reviewed by the training developers in coordination with the Fort Leavenworth foreign disclosure officer. This training product can be used to instruct international military students from all approved countries without restrictions.

**Drill Data**

**Proponent:** 71 - Combined Arms (Collective)

**Drill Type:** Staff

**Approved:** 15 Jan 2015

**Obsolete:**

**Restricted Read:** No

**Route To TMD Reviewer:** Yes

**TMD Concurrence:** Yes

**TMD Comments:** CONCUR

**Safety Level:** Low

**Conditions:**

The command receives an operations plan, warning, operations, or fragmentary order from higher headquarters and is exercising mission command. The commander issues guidance on reacting to a degraded network. The command establishes communications with subordinate and adjacent units, and higher headquarters. The mission command system is operational and processing information.

Some iterations of this task should be performed in MOPP 4.

**Standards:**

The staff reacts to a degraded network in accordance with established timelines, standard operating procedures, and the commanders intent. The staff continuously performs computer network operations through monitoring and detecting system viruses and unauthorized attempts to access sensitive information, communication systems, and networks to protect, monitor, analyze, detect, restore, and respond to unauthorized activity within Department of Defense information systems and computer networks.

**Drill Statements:**

**WARNING**

Proper utilization of the Risk Assessment and unit SOP to lower the risk level.

**Safety:** In a training environment, leaders must perform a risk assessment in accordance with ATP 5-19, Risk Management. Leaders will complete the current Deliberate Risk Assessment Worksheet in accordance with the TRADOC Safety Officer during the planning and completion of each task and sub-task by assessing mission, enemy, terrain and weather, troops and support available-time available and civil considerations, (METT-TC). Note: During MOPP training, leaders must ensure personnel are monitored for potential heat injury. Local policies and procedures must be followed during times of increased heat category in order to avoid heat related injury. Consider the MOPP work/rest cycles and water replacement guidelines IAW FM 3-11.4, Multiservice Tactics,

Techniques, and Procedures for Nuclear, Biological, and Chemical (NBC) Protection, FM 3-11.5, Multiservice Tactics, Techniques, and Procedures for Chemical, Biological, Radiological, and Nuclear Decontamination.

**Environment:** Environmental protection is not just the law but the right thing to do. It is a continual process and starts with deliberate planning. Always be alert to ways to protect our environment during training and missions. In doing so, you will contribute to the sustainment of our training resources while protecting people and the environment from harmful effects. Refer to the current Environmental Considerations manual and the current GTA Environmental-related Risk Assessment card. Environmental protection is not just the law but the right thing to do. It is a continual process and starts with deliberate planning. Always be alert to ways to protect our environment during training and missions. In doing so, you will contribute to the sustainment of our training resources while protecting people and the environment from harmful effects. Refer to FM 3-34.5 Environmental Considerations and GTA 05-08-002 ENVIRONMENTAL-RELATED RISK ASSESSMENT. .

**Cue:** The signal officer receives notification from a subscriber that a network capability is not functioning. The signal officer troubleshoots the problem but cannot resolve it.

**Coaching Point:** The performance of this drill assumes that a customer relationship management system is in operation within the theater, which facilitates the notification of capability-related incidents and problems to the responsible organizations. Also assumed is that the customer relationship management system facilitates the processing of trouble tickets related to incidents and problems. Consequently, each organization within the theater is capable of viewing each trouble ticket through its lifecycle. The drill also assumes that the theater maintains a knowledge base that is available to each organization in the theater that contains historical data related to past problems, their causes, and their resolutions.

### **TASK STEPS**

1. The staff, in coordination with the signal officer, reacts to a degraded network following these procedures:
  - a. The signal officer troubleshoots the degraded network.
  - b. The signal officer, being unable to resolve the problem, opens a trouble ticket.
  - c. The signal officer queries the theater's knowledge base to determine previous encounters with the problem and:
    - (1) Collaborates with the subscriber if the problem and a corrective action appear in the theater knowledge base.
    - (2) Updates and closes the trouble ticket and documents any configuration changes if correction action successful.
    - (3) Updates the trouble ticket and escalates it to the next higher echelon signal officer if the corrective action is unsuccessful.
  - d. The staff notifies the commander of the problem and actions taken.
2. The staff, in coordination with the signal officer, takes corrective action recommended by higher echelon signal officer.
3. The staff, in coordination with the signal officer, confirms closure of the trouble ticket.
4. The staff continuously monitors network operations to facilitate continuity of operations plan (COOP).

(Asterisks indicates a leader performance step.)

### **TASK MEASURES**

1. The staff, in coordination with the signal officer, reacted to a degraded network.
  2. The staff, in coordination with the signal officer, took corrective action recommended by higher echelon signal officer.
  3. The staff, in coordination with the signal officer, confirmed closure of the trouble ticket.
  4. The staff continuously monitored network operations to facilitate continuity of operations plan (COOP).
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## **Talk:**

**a.Orientation:** The objective of this drill is to react to a degraded network.

**b.Safety:** Emphasize that following the SOP and network protocols are critical for preventing compromise of the network.

**c.Demonstration:** Have the staff conduct a rehearsal of concept of the SOP.

**d.Explanation:** Refer to the performance measures and explain what each member of the staff must do to react to a degraded network.

**e.Unit Instructions:** The Staff is coordinating current operations and receives notification that a network capability is not functioning.

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## **Walk:**

1. Refer to the performance measures and have staff members perform their step slowly at first as the leader talks them through the process.
  2. Continue to rehearse, increase speed of execution each iteration.
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## **Run:**

**a.Run-Through Instructions:** The staff should practice this drill until they can perform the drill according to the standards and without the drill book or coaching form the leader.

**b.Coaching Point:** The performance of this drill assumes that a customer relationship management system is in operation within the theater, which facilitates the notification of capability-related incidents and problems to the responsible organizations. Also assumed is that the customer relationship management system facilitates the processing of trouble tickets related to incidents and problems. Consequently, each organization within the theater is capable of viewing each trouble ticket through its lifecycle. The drill also assumes that the theater maintains a knowledge base that is available to each organization in the theater that contains historical data related to past problems, their causes, and their resolutions.

**c.Performance Instructions:** Rehearse this Drill IAW performance measures.

**Equipment (LIN)**

Step ID	LIN	Nomenclature	Qty
	99817N	Work Station, Modular Unit wComponents	1

**Materiel Items (NSN)**

Step ID	NSN	LIN	Title	Qty
No materiel items specified				

**Support Personnel**

Personnel Type	Description	School	Qty	Remarks
No support personnel specified				

**TADSS**

Step ID	TADSS ID	Title	Product Type	Qty
No TADSS specified				

**Supporting Individual Tasks**

Step ID	Task ID	Status	Task Title
	011-240-1404	Approved	Perform Electronic Counter Measures (ECM)/Electronic Counter-Counter Measures (ECCM) Procedures (CH-47D/F)
	011-420-0031	Approved	Implement Operations in an Electronic Warfare Environment
	011-AMS-0004	Approved	Develop Aviation Mission Survivability (AMS) and Personnel Recovery (PR) Appendixes/Annexes to Plans and Orders
	113-802-7004	Approved	Employ Network Operations (NetOps)
	150-029-0007	Approved	Produce Electronic Warfare Products in Support of the Military Decision Making Process (MDMP)

**Prerequisite Individual Tasks**

Step ID	Task ID	Status	Task Title
	011-420-2717	Approved	Implement Operations in an Electronic Warfare (EW) Environment
	113-582-6000	Superseded	Implement a Security Template on a Microsoft Active Directory (AD)
	113-582-6001	Superseded	Implement a Hardware Firewall In Accordance with the Security Technical Implementation Guides (STIG)

**Supporting Collective Tasks**

Step ID	Task ID	Status	Title
	34-4-0824	Approved	Conduct a Multifunctional Team Electronic Support Mission
	34-5-0800	Approved	Establish an Electronic Support (ES) or Electronic Attack (EA) Site
	71-8-6330	Approved	Perform Electronic Protection Actions (Brigade - Corps)

**Prerequisite Collective Tasks**

Step ID	Task ID	Status	Title
	11-6-7259	Approved	Administer Communication Services [SC(T)/Strat Bde/Bn/Co]
	34-4-1204	Approved	Access External Databases
	34-5-0715	Approved	Analyze a Signals Intelligence (SIGINT) Survey

### Supporting Drill Tasks

Step ID	Drill ID	Status	Drill Title
No supporting drill tasks specified			

### OPFOR

Task Number	Title	Status
No supporting OPFOR tasks specified		

### REFERENCES

Step Number	Reference ID	Reference Name	Required	Primary
	FM 6-02.71	Network Operations	Yes	Yes

## Training Setup

Table(s) of organization and equipment (TOE) assigned personnel and equipment; weapons; vehicles; chemical, biological, radiological, and nuclear (CBRN) equipment; and communication equipment.

### Training Facilities

Facility ID	Facility Name	Facility Type
14113	Access Control Facility	F14113-Access Control Facilities

### DODIC

DODIC	Name	Qty
No DODIC		

### Associated Documents

Media ID	Media Type	Title	Subtitle
No Associated Documents			

### GLOSSARY TERMS

Glossary Term	Definition
No glossary terms specified	

### ACRONYMS AND ABBREVIATIONS

Acronym/Abbreviation	Definition
No acronyms/abbreviations specified	